

2012 SUMMER SEASON ASSESSMENT OF TURKEY

JUNE:

In June of 2012, the mean temperature in all of the country were above normals. While it was around normals just in Erzurum, Ağrı, Hakkari and Batman. The highest value of monthly mean maximum temperature, 32,4 °C, was measured in Cizre, and the least value of monthly mean minimum temperature, 13,7 °C in Sarıkamış.

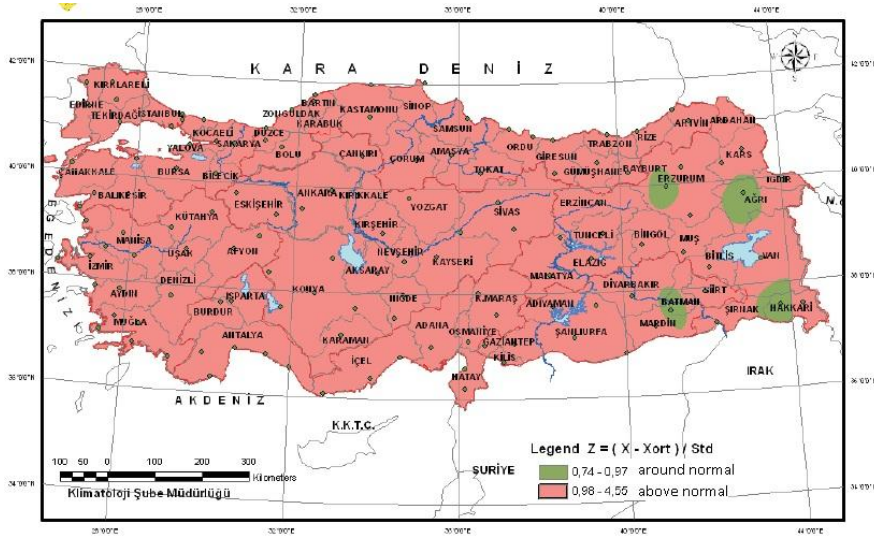


Figure-1: June-2012 Mean Temperature Anomalies

STATION	LONG TERM MAXIMUM TEMPERATURE (°C)	JUNE 2012 MAXIMUM (°C)	DIFFERENCE (°C)
Antakya	41.5	43.2	1.7
Osmaniye	40.6	42.6	2.0
Milas	43.0	43.4	0.4
Elazığ	38.4	38.6	0.2
Islahiye	42.2	42.7	0.5
Kilis	41.2	42.5	1.3

Figure-2: New Extreme Maximum Temperature Values in June

Generally, total mean precipitation in June,2012 was less than the normals and last year June. According to normals, the highest rainfall in June was measured Kilis, Anamur, Aydın, Antalya, Hakkari and Izmir, while the lowest rainfall was measured Balıkesir, Bandırma, Şile, Tekirdağ, Batman ve Ceylanpınar

Monthly mean total precipitation of June was 22,3 mm and the normal was 31,7 mm. The rainfall in June decreased %29,6 according to normals over almost whole country.



Figure-3: June-2012 Precipitation Anomalies

Floods, Storm and hail are affected some part of Turkey. The most notable event, heavy rain and thunderstorm were caused flood in Van, Hakkari, Aydın, Kars and Ağrı. Houses, trees and highways were damaged from this extreme events. There were no casualties

JULY:

In July of 2012, the mean temperature in East Anatolia and East of South East Anatolia were around normals and it was above normals in the rest of the Country . The highest value of monthly mean maximum temperature, 35,1 °C, was measured in Cizre, and the least value of monthly mean minimum temperature, 16,1 °C in Ardahan.

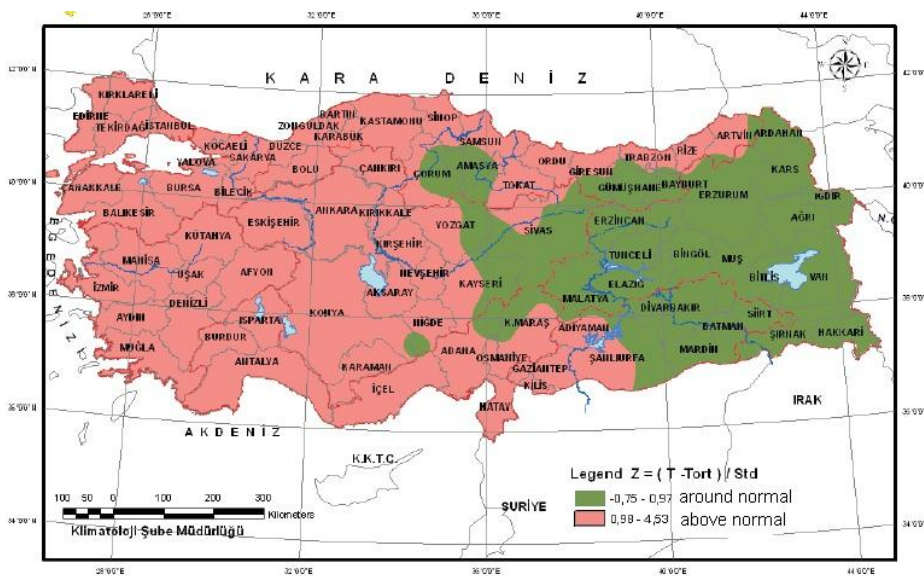


Figure-4: July-2012 Mean Temperature Anomalies

STATION	LONG TERM MAXIMUM TEMP.	JULY 2012 TEMP.	DIFFERENCE
Elmalı	38.0	39.2	1.2
Isparta	39.0	39.2	0.2
Emirdağ	40.0	40.7	0.7
Akşehir	38.6	39.3	0.7
Ankara	40.8	41.0	0.2
Kırıkkale	41.6	41.8	0.2
Niğde	38.0	38.5	0.5

Figure-5: New Extreme Maximum Temperature Values in July

Total mean precipitation in July 2012 was less than the normals and last year July (17.6 mm). According to normals, the highest rainfall in July was measured in Samsun, Sinop, Amasya, Kütahya and south-eastern Anatolia, while the lowest rainfall was measured in Thrace, coast of the Mediterranean and Aegean regions.

Monthly mean total precipitation of July was 15,7 mm and the normal was 18,9 mm. The rainfall in July decreased % 17,2 according to normals.

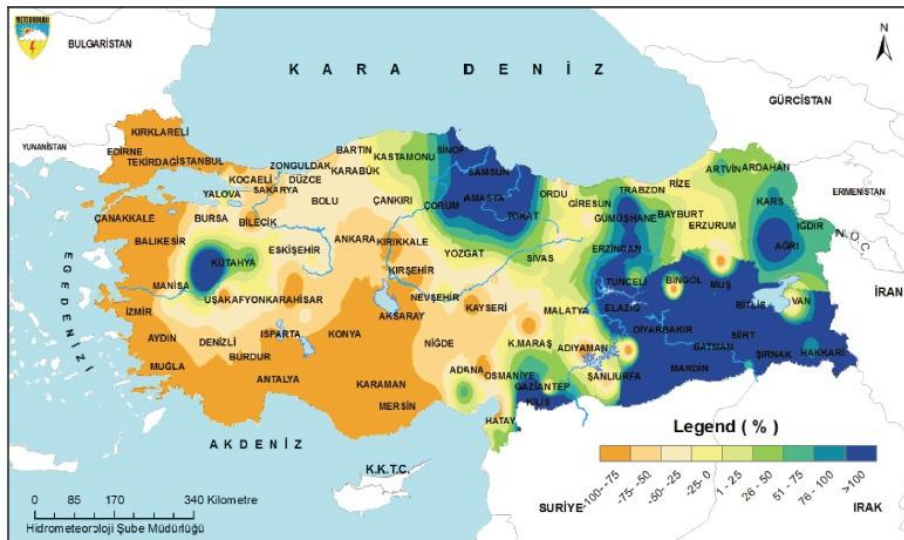


Figure-6: June-2012 Precipitation Anomalies

Heavy rain and thunderstorm were caused flood in Samsun and Sinop. We had a disaster in this region, 9 people died as a result of flooding. A lot of houses, highways and trees were damaged from the flood. Besides storm was affected coastal regions of Turkey. Boat sink in Izmir but there were no casualties.

AUGUST:

In August of 2012, the mean temperature in Central Anatolia and Rize, Artvin, Ardahan, Mardin, Batman, Muş, Bitlis, Hakkari were around normals and it was above normals in the rest of the Country. The highest value of monthly mean maximum temperature, 34,4 °C, was measured in Cizre, and the least value of monthly mean minimum temperature, 16,6 °C in Ardahan.

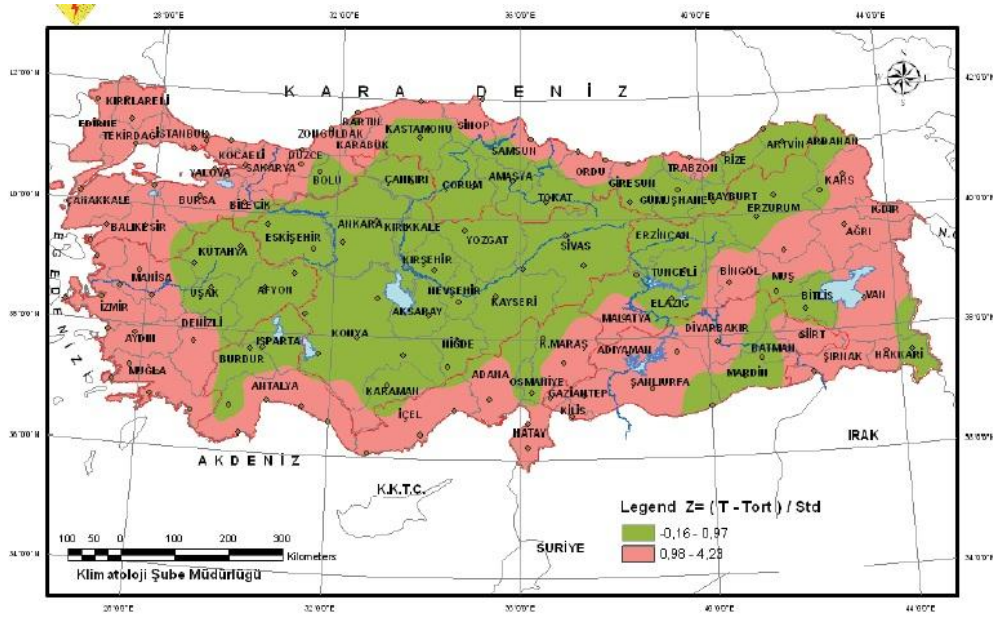


Figure-7: August-2012 Mean Temperature Anomalies

STATION	LONG TERM MAXIMUM TEMP.	AUGUST 2012 MAXIMUM TEMP.	DIFFERENCE
Akçakoca	34.3	36.6	2.3
Edirne	40.8	41.9	1.1
Uzunköprü	40.1	41.2	1.1

Figure-8: New Extreme Maximum Temperature Values in August

Total mean precipitation in august 2012 was more than the normals and last year august (16.0 mm). According to normals, the highest rainfall in august was measured in Samsun, Sinop, Rize, İstanbul, Çanakkale, Bayburt, Nevşehir, Konya and Bayburt , while the lowest rainfall was measured in Antalya, Hatay, Siirt, Edirne, Iğdır, Şırnak.

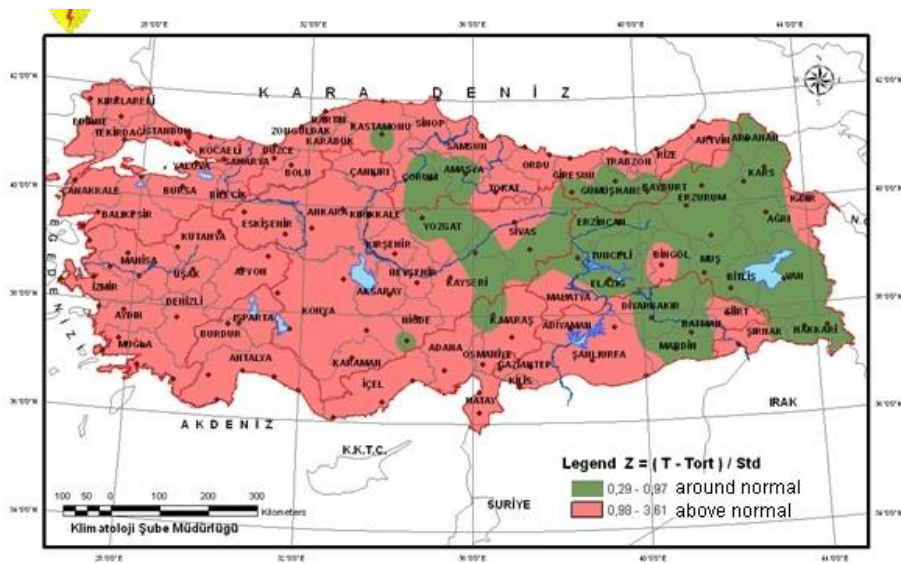
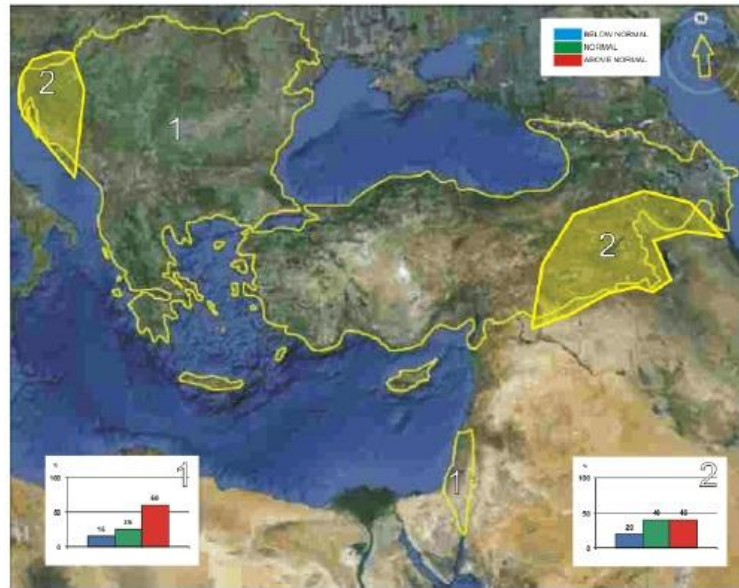
Monthly mean total precipitation of august was 22,2 mm and the normal was 18,2 mm. The rainfall in august increased %22,2 according to normals.



Figure-9: August-2012 Precipitation Anomalies

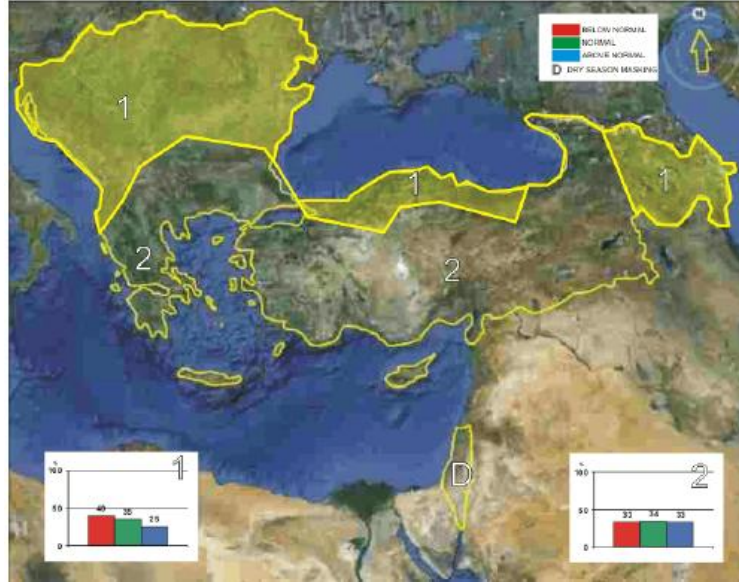
Floods, Storm and hail are affected some part of Turkey. There was also flooding in Samsun but there were no casualties. Heavy rain and thunderstorm were caused flooding in İstanbul, Sinop, Erzurum and Muğla. Houses, trees and highways were damaged, as before in this regions.

2012 Summer Season Assessment of Turkey Compare to Seecof 7 Experts Forecasts



2012 Summer Season Mean Temperature Anomaly of Turkey

According to seasonal outlook for summer season 2012, in the most of the SEECOF region there was expected more likelihood for the above average summer season temperature, while eastern part of Turkey, it is likely to be near to above normal. Generally, mean temperatures were above normal values in almost whole country. It was expected probably 60% above normal. For the zone 2, mean temperatures were around normal as expected probably 40%.



2012 YAZ MEVSİMİ YAĞIŞIN NORMALERİ İLE KARŞILAŞTIRILMASI



2012 Summer Season Precipitation Anomaly of Turkey

Western banks of the Black Sea summer season precipitation totals was expected below normal probably 40% (zone 1). In the rest of the Turkey (zone 2) was expected below, near or above normal are approximately equal. In the summer 2012, rainfall was below normals outside of Sinop and Samsun for the zone 1. For the zone 2, generally rainfall was below normal outside of Mersin, Gaziantep, Mardin, Hakkari, Aydın.